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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/499,553

DATE: 08/23/2002
TIME: 12:06:01

Input Set : **N:\Crf3\RULE60\09499553.raw**
Output Set: **N:\CRF3\08232002\I499553.raw**

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:
5   (i) APPLICANT: ENTERPRISES, LTD., QBI
6   Deiss, Louis P.
7   Yehiely, Fruma
8   Efimova, Elena
9   Vasquez-Iaslop, Nora C.
10   Einat, Paz
12   (ii) TITLE OF INVENTION: GENE IDENTIFICATION METHOD
14   (iii) NUMBER OF SEQUENCES: 36
16   (iv) CORRESPONDENCE ADDRESS:
17   (A) ADDRESSEE: Kohn & Associates
18   (B) STREET: 30500 Northwestern Highway, Suite 410
19   (C) CITY: Farmington Hills
20   (D) STATE: Michigan
21   (E) COUNTRY: US
22   (F) ZIP: 48334
24   (v) COMPUTER READABLE FORM:
25   (A) MEDIUM TYPE: Floppy disk
26   (B) COMPUTER: IBM PC compatible
27   (C) OPERATING SYSTEM: PC-DOS/MS-DOS
28   (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
30   (vi) CURRENT APPLICATION DATA:
C--> 31   **(A) APPLICATION NUMBER: US/09/499,553**
C--> 32   **(B) FILING DATE: 07-Feb-2000**
33   (C) CLASSIFICATION:
37   (vii) PRIOR APPLICATION DATA:
38   (A) APPLICATION NUMBER: US/09/294,782
39   (B) FILING DATE:
42   (viii) ATTORNEY/AGENT INFORMATION:
43   (A) NAME: Montgomery, Ilene N.
44   (B) REGISTRATION NUMBER: 38,972
45   (C) REFERENCE/DOCKET NUMBER: 0168-00022
47   (ix) TELECOMMUNICATION INFORMATION:
48   (A) TELEPHONE: (248) 539-5050
49   (B) TELEFAX: (248) 539-5055
52 (2) INFORMATION FOR SEQ ID NO: 1:
54   (i) SEQUENCE CHARACTERISTICS:
55   (A) LENGTH: 17 base pairs
56   (B) TYPE: nucleic acid
57   (C) STRANDEDNESS: single
58   (D) TOPOLOGY: linear
60   (ii) MOLECULE TYPE: other nucleic acid

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61          (A) DESCRIPTION: /desc = "Primer"
63     (iii) HYPOTHETICAL: NO
65      (iv) ANTI-SENSE: NO
70      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
72 TCTGTAGGTA GTTTGTC                                            17
74 (2) INFORMATION FOR SEQ ID NO: 2:
76       (i) SEQUENCE CHARACTERISTICS:
77          (A) LENGTH: 19 base pairs
78          (B) TYPE: nucleic acid
79          (C) STRANDEDNESS: single
80          (D) TOPOLOGY: linear
82      (ii) MOLECULE TYPE: other nucleic acid
83          (A) DESCRIPTION: /desc = "Primer"
88      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
90 TGGAGGCCTA GGCTTTTGC                                          19
92 (2) INFORMATION FOR SEQ ID NO: 3:
94       (i) SEQUENCE CHARACTERISTICS:
95          (A) LENGTH: 23 base pairs
96          (B) TYPE: nucleic acid
97          (C) STRANDEDNESS: single
98          (D) TOPOLOGY: linear
100     (ii) MOLECULE TYPE: other nucleic acid
101         (A) DESCRIPTION: /desc = "Primer"
106     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
108 GTAAGGTTCC TTCACAAGGA TCC                                    23
110 (2) INFORMATION FOR SEQ ID NO: 4:
112      (i) SEQUENCE CHARACTERISTICS:
113         (A) LENGTH: 45 base pairs
114         (B) TYPE: nucleic acid
115         (C) STRANDEDNESS: single
116         (D) TOPOLOGY: linear
118     (ii) MOLECULE TYPE: other nucleic acid
119         (A) DESCRIPTION: /desc = "Primer"
124     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
126 CTAATACGAC TCACTATAGG GCTCGAGCGG CCGCCCGGGC AGGTA            45
128 (2) INFORMATION FOR SEQ ID NO: 5:
130      (i) SEQUENCE CHARACTERISTICS:
131         (A) LENGTH: 45 base pairs
132         (B) TYPE: nucleic acid
133         (C) STRANDEDNESS: single
134         (D) TOPOLOGY: linear
136     (ii) MOLECULE TYPE: other nucleic acid
137         (A) DESCRIPTION: /desc = "Primer"
142     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
144 CTAATACGAC TCACTATAGG GCTCGAGCGG CCGCCCGGGC AGGTG            45
146 (2) INFORMATION FOR SEQ ID NO: 6:
148      (i) SEQUENCE CHARACTERISTICS:
149         (A) LENGTH: 43 base pairs
150         (B) TYPE: nucleic acid
```

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151              (C) STRANDEDNESS: single
152              (D) TOPOLOGY: linear
154      (ii) MOLECULE TYPE: other nucleic acid
155              (A) DESCRIPTION: /desc = "Primer"
160      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
162 CTAATACGAC TCACTATAGG GCAGCGTGGT CGCGGCCGAG GTG                43
164 (2) INFORMATION FOR SEQ ID NO: 7:
166      (i) SEQUENCE CHARACTERISTICS:
167              (A) LENGTH: 15 base pairs
168              (B) TYPE: nucleic acid
169              (C) STRANDEDNESS: single
170              (D) TOPOLOGY: linear
172      (ii) MOLECULE TYPE: other nucleic acid
173              (A) DESCRIPTION: /desc = "Primer"
178      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
180 AGCTTACCTG CCCGG                                                15
182 (2) INFORMATION FOR SEQ ID NO: 8:
184      (i) SEQUENCE CHARACTERISTICS:
185              (A) LENGTH: 15 base pairs
186              (B) TYPE: nucleic acid
187              (C) STRANDEDNESS: single
188              (D) TOPOLOGY: linear
190      (ii) MOLECULE TYPE: other nucleic acid
191              (A) DESCRIPTION: /desc = "Primer"
196      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
198 GATCCACCTG CCCGG                                                15
200 (2) INFORMATION FOR SEQ ID NO: 9:
202      (i) SEQUENCE CHARACTERISTICS:
203              (A) LENGTH: 22 base pairs
204              (B) TYPE: nucleic acid
205              (C) STRANDEDNESS: single
206              (D) TOPOLOGY: linear
208      (ii) MOLECULE TYPE: other nucleic acid
209              (A) DESCRIPTION: /desc = "Primer"
214      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
216 CTAATACGAC TCACTATAGG GC                                        22
218 (2) INFORMATION FOR SEQ ID NO: 10:
220      (i) SEQUENCE CHARACTERISTICS:
221              (A) LENGTH: 22 base pairs
222              (B) TYPE: nucleic acid
223              (C) STRANDEDNESS: single
224              (D) TOPOLOGY: linear
226      (ii) MOLECULE TYPE: other nucleic acid
227              (A) DESCRIPTION: /desc = "Primer"
232      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
234 TCGAGCGGCC GCCCGGGCAG GT                                        22
236 (2) INFORMATION FOR SEQ ID NO: 11:
238      (i) SEQUENCE CHARACTERISTICS:
239              (A) LENGTH: 20 base pairs
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240            (B) TYPE: nucleic acid
241            (C) STRANDEDNESS: single
242            (D) TOPOLOGY: linear
244      (ii) MOLECULE TYPE: other nucleic acid
245            (A) DESCRIPTION: /desc = "Primer"
250      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
252 AGCGTGGTCG CGGCCGAGGT                                              20
254 (2) INFORMATION FOR SEQ ID NO: 12:
256       (i) SEQUENCE CHARACTERISTICS:
257            (A) LENGTH: 15 base pairs
258            (B) TYPE: nucleic acid
259            (C) STRANDEDNESS: single
260            (D) TOPOLOGY: linear
262      (ii) MOLECULE TYPE: other nucleic acid
263            (A) DESCRIPTION: /desc = "Primer"
268      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
270 AGCTTACCTC GGCCG                                                   15
272 (2) INFORMATION FOR SEQ ID NO: 13:
274       (i) SEQUENCE CHARACTERISTICS:
275            (A) LENGTH: 15 base pairs
276            (B) TYPE: nucleic acid
277            (C) STRANDEDNESS: single
278            (D) TOPOLOGY: linear
280      (ii) MOLECULE TYPE: other nucleic acid
281            (A) DESCRIPTION: /desc = "Primer"
286      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
288 GATCCACCTC GGCCG                                                   15
290 (2) INFORMATION FOR SEQ ID NO: 14:
292       (i) SEQUENCE CHARACTERISTICS:
293            (A) LENGTH: 43 base pairs
294            (B) TYPE: nucleic acid
295            (C) STRANDEDNESS: single
296            (D) TOPOLOGY: linear
298      (ii) MOLECULE TYPE: other nucleic acid
299            (A) DESCRIPTION: /desc = "Primer"
304      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
306 CTAATACGAC TCACTATAGG GCAGCGTGGT CGCGGCCGAG GTA                    43
308 (2) INFORMATION FOR SEQ ID NO: 15:
310       (i) SEQUENCE CHARACTERISTICS:
311            (A) LENGTH: 660 base pairs
312            (B) TYPE: nucleic acid
313            (C) STRANDEDNESS: single
314            (D) TOPOLOGY: linear
316      (ii) MOLECULE TYPE: cDNA
321      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
323 GATCCAAGCG AAAAAGGGAA TAAGAAGGGA GGAATGTAAC TAGGAGCAGC TCCCAACAGT   60
325 TTGCCTATGT ATTTGCCAGC ACCAAAATTT GTAGAGTAAG CCACTTACAT TTCCACTGCT  120
327 AGTATTAAGG AAAGACAGCA GTGGTGATTT TTATAAAGCG AGTATACATT TATTTTTATT  180
329 CTGATATGTG AATTTTTCTT TCACGAGTTA ATTAACTGGT AATTTGTAAA CAGTGGGAAG  240
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331 AAGATTAGAA CAATTATGGA GGTACTGAAT TACACAAGGA GATTAAAATG AAATGAATCA       300
333 ATCTACCTAT CTTGTGGTTA GTTAATATTT ACCATGATGC ATACACTTGA GAAATGAGAA       360
335 ATGCCCAAAT TGTATAATGC ATTATCTTNN TTATTATTTA TTNNNGTAAA TAATTCTTGC       420
337 TNNACATTAN NCTNCAAGGN TAGCTNTATC TATACTTGNT AGCTANNTTC TTATACAAAG       480
339 CANGNTNCTT TTGAANATGA TTTACCNATT AANTANANNA GCTTAGGTGC CTNNTTTNAC       540
341 TCTGGNTNGT CATNTTGNTT NNCTTTTNNC NANATCATAT ATAATTTCCA NNGAATGTTG       600
343 ATNTNTNTCC TCANNTTNCA TTNTANCCNG NGCNTATCCT NTNNNNTGNT NGNNTATGTC       660
346 (2) INFORMATION FOR SEQ ID NO: 16:
348      (i) SEQUENCE CHARACTERISTICS:
349          (A) LENGTH: 526 base pairs
350          (B) TYPE: nucleic acid
351          (C) STRANDEDNESS: single
352          (D) TOPOLOGY: linear
354     (ii) MOLECULE TYPE: cDNA
359     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
361 GATCCTGGTA TAATGTGATT GAATTATGAA GGCAAATTTC TCATGAATGG TTCAGCACCA        60
363 TCCCCTTGTA CCATCCTCAC AATAATGAGT AACTTCTCAT GAGATGTAGT CACTGAAATC       120
365 TCTATATCAC CTCCCCACTC TCCGTGTTTT CTCCTTGCCA TGTGAGACAA TTGATTCTTT       180
367 CTTTGCCTTC CATGATTATT GAAAGATTTC TGAGGCCTAG AAGCAGAAGC ACTGTGCTTA       240
369 GAACCATGAG CCAATTAAAC CTCTTTTTCA AAATAAATCA TACGGGAAAT GGCAAATGAG       300
371 GACTGGAGCG TTGCTATAAA GATACCTGGA AATGTGGAAG CAGCTTTGGA ACCAGGTAAT       360
373 GGACGGAGGT TGGAAGAGTT TGGAGGGCTC AAAAGAAGAC AGATGAGAAA ACTTTTGGAC       420
375 CATCTTAGAG TCTGGTTCAA TGGTTGTGAC AAAAATCCTG ACAGAAACAT GGACAGTGAA       480
377 GGCCAGGCTG AGGAGGTCTC AGAGAGAAAT AAGAAGCTTT TTGCAA                      526
379 (2) INFORMATION FOR SEQ ID NO: 17:
381      (i) SEQUENCE CHARACTERISTICS:
382          (A) LENGTH: 485 base pairs
383          (B) TYPE: nucleic acid
384          (C) STRANDEDNESS: single
385          (D) TOPOLOGY: linear
387     (ii) MOLECULE TYPE: cDNA
392     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
394 AAACATTATG CACAGAGGAA TAAAATTAAG AATGACCACA GTCTTCTCTT CAGAAATTAT        60
396 GCAAGCCAGA ATAGAGTAGA GCAACATCTT TACAGTTCTT AAAGAAAAAA TATATCAACT       120
398 TAGAATTCTA TACCCAGCAA AAATATATTT CAAAAAGAAG ACACAATACT TTTTCAGACA       180
400 GACAAAAGCC AAGAGAGTAA TTCCAGGGAC GTGTAATATA AGAAATATTA GTGAAAGTAG       240
402 TGTAAAGAAT GAGAGAGAGG AAATATAAGG ATACTGTTAT AATATCCCTA CACTGTACCT       300
404 TAAGTGGATT GTAATATTAT CTGAAGGTAA ACTGTAATAT GTTAAATAAA GATGTATATT       360
406 TTTAATCCTA GAGAAACTGC TATGAAAACA AAAGTAAAA CAAAGTGGTA TTACTAACAA        420
408 GCCAATAATG GAGATAAAAT GGGCAATAGA AAACAACAAC AAAAATTCAA TCCAAAAGAA       480
410 GGAAG                                                                  485
412 (2) INFORMATION FOR SEQ ID NO: 18:
414      (i) SEQUENCE CHARACTERISTICS:
415          (A) LENGTH: 183 base pairs
416          (B) TYPE: nucleic acid
417          (C) STRANDEDNESS: single
418          (D) TOPOLOGY: linear
420     (ii) MOLECULE TYPE: cDNA
425     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
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VERIFICATION SUMMARY
PATENT APPLICATION: **US/09/499,553**

DATE: 08/23/2002
TIME: 12:06:02

Input Set: **N:\Crf3\RULE60\09499553.raw**
Output Set: **N:\CRF3\08232002\I499553.raw**

L:31 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:32 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]